Year 2 Maths Medium Term Plan

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Place Value Count in tens from any number, forward and backward Count in steps of 2, 3 and 5 from 0 Read and write numbers to at least 100 in numerals and words Recognise the place value of each digit in two-digit numbers Compose and decompose two-digit numbers using standard and nonstandard partitioning. Identify, represent and estimate numbers using objects and pictorial representations, including the number line. Reason about the location of any two-digit number in the linear number system, including identifying the previous and next multiple of 10.	**Addition and Subtraction continued** Recognise the subtraction structure of 'difference' and answer questions of the form, "How many more…?". Recognise and use the inverse relationship between addition and subtraction and use this to check calculations Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot Solve problems with addition and subtraction: -Using concrete objects and pictorial representations, including those involving numbers, quantities and measures -By applying their increasing knowledge of mental and written methods	**Multiplication and Division** Recognise repeated addition contexts, representing them with multiplication equations and calculating the product, within the 2, 5 and 10 multiplication tables. Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor, and to division equations (quotitive division). Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs.	**Money** Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. To find different combinations of coins that equal the same amounts of money. To solve simple problems in a practical context involving addition and subtraction of money of the same unit. To be able to give change. **Fractions** Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity. Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.	**Mass, Capacity and Temperature** **Length and Height** Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and = **Time** Compare and sequence intervals of time	**Time continued** Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times Know the number of minutes in an hour and the number of hours in a day. **Statistics** Interpret and construct simple pictograms, tally charts, block diagrams and simple tables Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity Ask and answer questions about totalling and comparing categorical data **Position and Direction** Order and arrange combinations of mathematical objects in patterns and sequences

Compare and order numbers from 0 up to 100; use <, > and = signs Use place value and number facts to solve problems ## Addition & Subtraction Secure fluency in addition and subtraction facts within 10, through continued practice. Add and subtract across 10 Recall and use addition and subtraction facts to 20 fluently Derive and use related facts up to 100 Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a two-digit number and ones - a two-digit number and tens - two two-digit numbers - adding three one-digit numbers	Solve missing number problems ## Shape Use precise language to describe the properties of 2D and 3D shapes, and compare shapes by reasoning about similarities and differences in properties Identify 2D shapes on the surface of a 3D shapes. Compare and sort common 2D and 3D shapes and everyday objects.	Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.			Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anticlockwise).

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